## Plants



Student Points Teacher Points

Locate and read books about plants. Consider plants without seeds and plants with seeds - algae, fungi, lichens, mosses, ferns, conifers, trees, shrubs, herbs, vines, grasses, and flowering plants. You may also use an encyclopedia and world atlas. If possible, use the Internet for information.

## SYNTHESIS

• Choose a plant and label its parts. Then re-design internal and/or external parts so the plant could adapt or better survive, grow, reproduce, and/or behave (react to its environment).

	Forming	Growing	Mature	
	1	2	3	4
Synthesis	Parts labeled correctly; no different internal or external part in re-design	Parts labeled	Parts labeled	Parts labeled correctly;
Re-design of a plant		correctly; 1 new	correctly; 2 new	2 new internal or
		internal or external	internal or external	external parts in
		part in re-design; 1	parts in re-design; 2	re-design; 5 total
		criteria for	criteria for each	criteria for improvement;
		improvement	part	model of the new plant

New Part	External	Internal	Criteria